

Fig.1

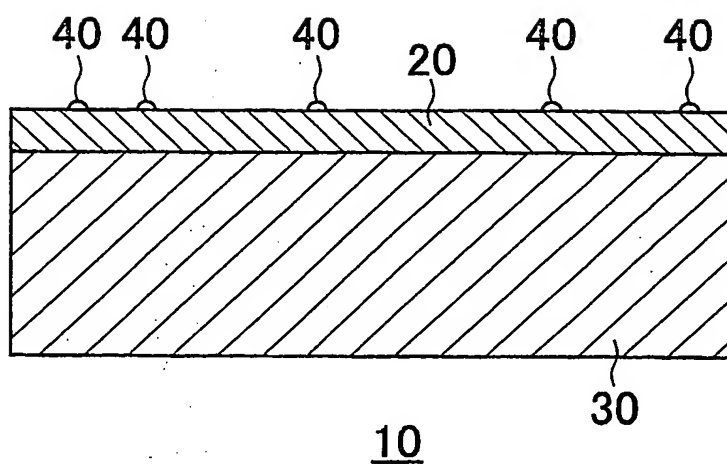


Fig.2

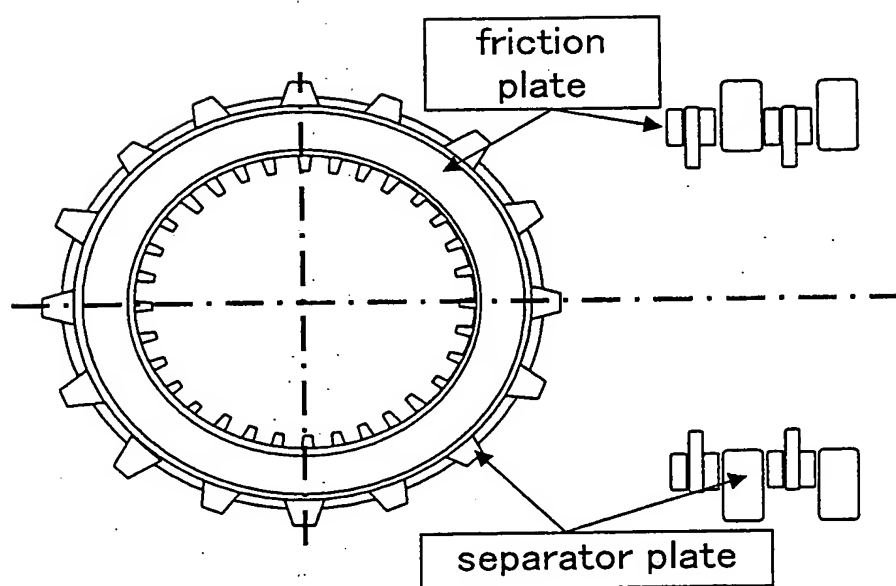


Fig.3

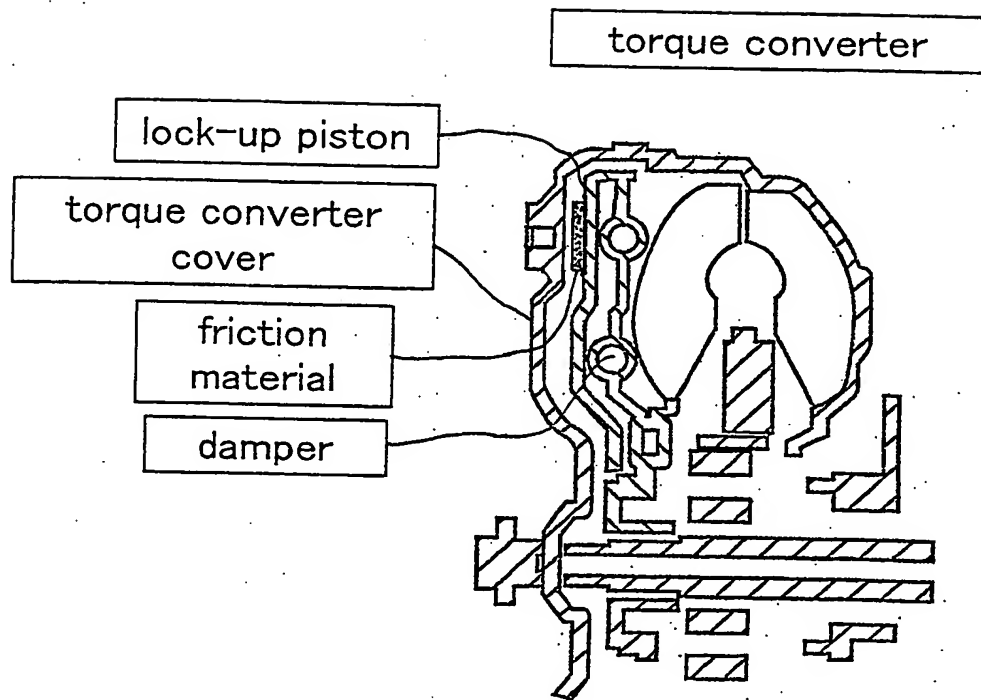


Fig.4

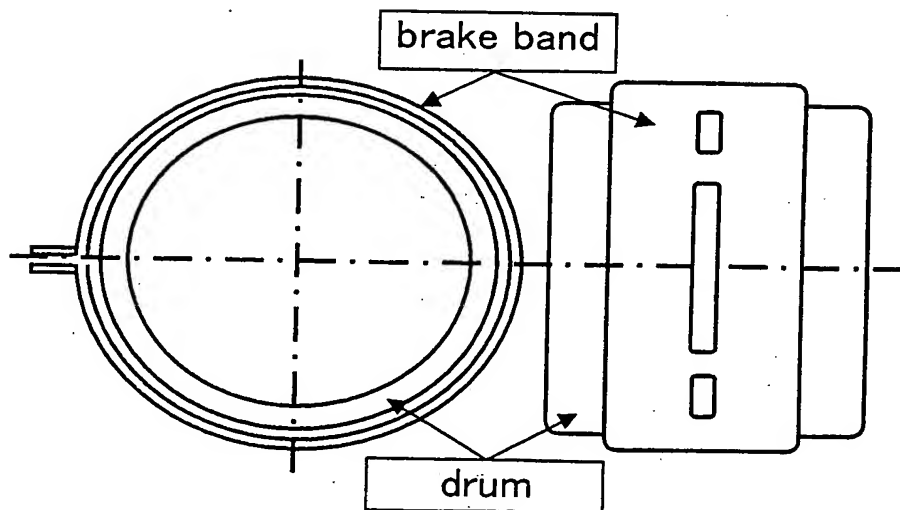


Fig.5

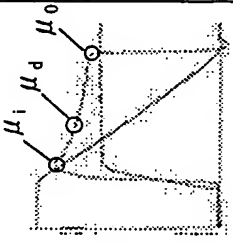
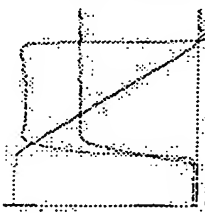
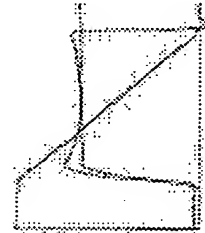
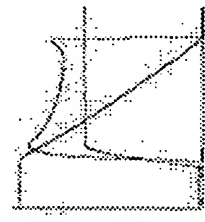
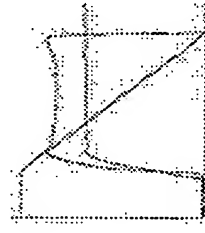
		Example	Comp. Example 1	Comp. Example 2	Comp. Example 3	Comp. Example 4
Coating Property	Coating	carbonaceous composite	Cr or Tin	Carbonaceous	Carbonaceous composite	None (barrel finish)
	Ratio of elastic deformation to maximum indentation depth	65%	48%	80%	70%	17%
	Protrusion area ratio	7%	None	2%	8%	None
	Surface roughness	Ra.10nm	Ra.50nm	Ra.8nm	Ra.12nm	None
	Surface roughness	Ra.0.05 $\mu$ m	Ra.0.05 $\mu$ m	Ra.0.05 $\mu$ m	Ra.1.0 $\mu$ m	Ra.0.2~0.3 $\mu$ m
Base member						
Torque waveform Pressure: 8Kg/cm <sup>2</sup> Temp: 100°C						

Fig.6

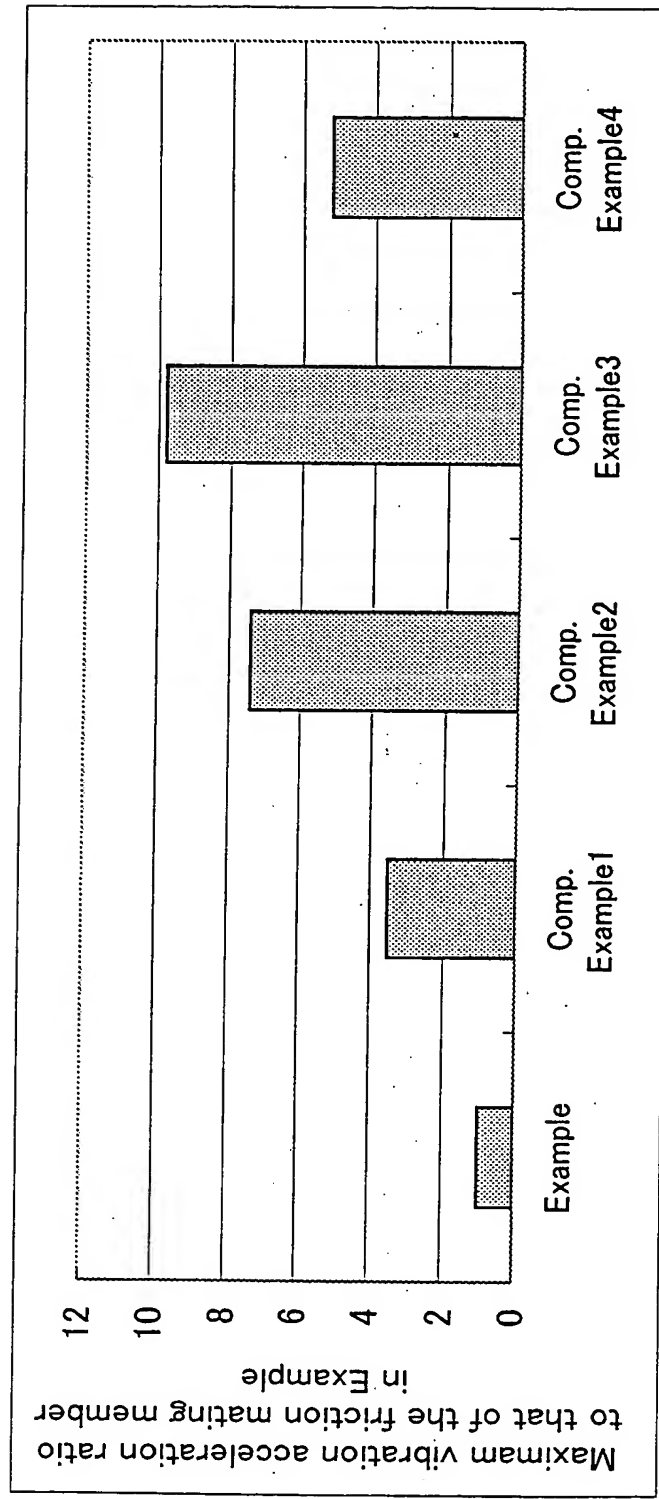


Fig.7

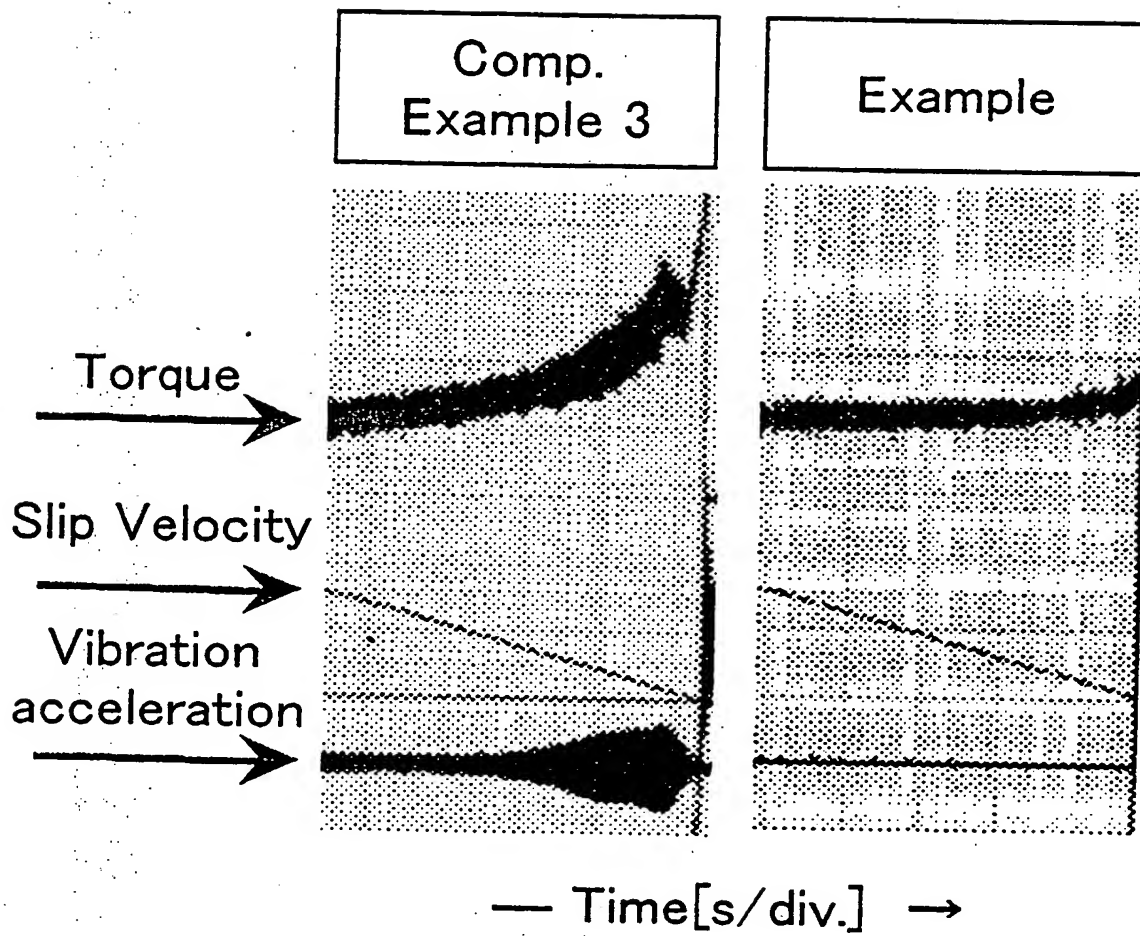


Fig. 8

